

**IN THE SPECIFICATION**

Please amend the specification as follows:

On page 1, between the Title and the subheading FIELD OF INVENTION insert the following new paragraph:

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**--CROSS REFERENCE TO RELATED APPLICATION**

This application is a continuation application which claims the priority of prior application serial number 09/491,185, entitled "Solvent and Method for Extraction of Triglyceride Rich Oil", filed January 25, 2000.---

ATTORNEY DOCKET NUMBER

**IN THE CLAIMS**

Please amend the following claims:

1. (Once amended) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight triglycerides and other non-polar constituents, with said solvent having a polarity no greater than about 0 and a viscosity ranging between about 0.3 centipoise and about 2.6 centipoise, whereby the triglycerides are miscible in said solvent at a temperature ranging between about 35°C and about 55°C and after extraction of the triglycerides said solvent and the triglycerides form a miscella, and at a temperature ranging between about 15°C and about 25°C, said miscella will form distinct solvent and oil layers that can be separated, said solvent comprising:

(a) an amount of a low molecular weight hydrocarbon having a viscosity of less than 2.6 centipoise; and,

(b) a fluorocarbon solvent or a chlorocarbon solvent wherein said chlorocarbon is selected from the group consisting of  $\text{CH}_2\text{Cl}_2$ ,  $\text{C}_2\text{H}_3\text{Cl}_3$ , and  $\text{C}_2\text{HCl}_3$ , with the provisos that (i) when said fluorocarbon is dichlorotrifluoroethane, said hydrocarbon is not n-pentane or isopentane; (ii) when said fluorocarbon is dichloropenta-

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fluoropropane, said hydrocarbon is not a C<sub>6</sub> aliphatic or C<sub>6</sub> cycloaliphatic hydrocarbon; and (iii) when said fluorocarbon is perfluorohexane, said hydrocarbon is not isohexane.

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11. (Once amended) The solvent of claim 10 wherein said fluorocarbon solvent is selected from the group consisting of C<sub>5</sub>H<sub>2</sub>F<sub>10</sub>, C<sub>6</sub>HF<sub>13</sub>, C<sub>7</sub>HF<sub>15</sub>, C<sub>10</sub>HF<sub>21</sub>, C<sub>5</sub>F<sub>12</sub>, C<sub>7</sub>F<sub>16</sub>, C<sub>6</sub>F<sub>14</sub>, C<sub>8</sub>F<sub>18</sub>, C<sub>2</sub>Cl<sub>3</sub>F<sub>3</sub>, CCl<sub>3</sub>F, C<sub>3</sub>Cl<sub>2</sub>F<sub>6</sub>, C<sub>4</sub>Cl<sub>2</sub>F<sub>8</sub>, C<sub>4</sub>Cl<sub>3</sub>F<sub>7</sub>, C<sub>6</sub>ClF<sub>13</sub>, C<sub>3</sub>HCl<sub>2</sub>F<sub>5</sub>, and C<sub>2</sub>HCl<sub>2</sub>F<sub>3</sub>.

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16. (Once amended) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight non-polar constituents, with said solvent having a polarity no greater than about 0 and a viscosity less than about 2.6 centipoise, whereby the non-polar constituents are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the non-polar constituents, said solvent and the non-polar constituents separate at a temperature ranging between about 15° C and about 25° C, forming distinct solvent and oil layers that can be separated, said solvent comprising:

(a) an amount of a low-molecular weight hydrocarbon; and,  
(b) a non-polar halogenated solvent;

with the provisos that (i) when said fluorocarbon is dichlorotrifluoroethane, said hydrocarbon is not n-pentane or isopentane; (ii) when said fluorocarbon is dichloropenta-fluoropropane, said hydrocarbon is not a C<sub>6</sub> aliphatic or C<sub>6</sub> cycloaliphatic hydrocarbon; and (iii) when said fluorocarbon is perfluorohexane, said hydrocarbon is not isohexane.

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Please cancel claims 6-8, 15 and 17-30 without prejudice.

Please add the following new claims.

31. (New) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight triglycerides and other non-polar constituents, with said solvent having a polarity no greater than about 0 and a

viscosity ranging between about 0.3 centipoise and about 2.6 centipoise, whereby the triglycerides are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the triglycerides said solvent and the triglycerides form a miscella, and at a temperature ranging between about 15° C and about 25° C, said miscella will form distinct solvent and oil layers that can be separated, said solvent comprising:

(a) an amount of a low molecular weight hydrocarbon having a viscosity of less than 2.6 centipoise; and,

(b) a fluorocarbon solvent or a chlorocarbon solvent wherein said chlorocarbon is selected from the group consisting of  $\text{CH}_2\text{Cl}_2$ ,  $\text{C}_2\text{H}_3\text{Cl}_3$ , and  $\text{C}_2\text{HCl}_3$ ; and wherein said fluorocarbon solvent is selected from the group consisting of  $\text{C}_5\text{H}_2\text{F}_{10}$ ,  $\text{C}_6\text{HF}_{13}$ ,  $\text{C}_7\text{HF}_{15}$ ,  $\text{C}_{10}\text{HF}_{21}$ ,  $\text{C}_5\text{F}_{12}$ ,  $\text{C}_7\text{F}_{16}$ ,  $\text{C}_8\text{F}_{18}$ ,  $\text{C}_2\text{Cl}_3\text{F}_3$ ,  $\text{CCl}_3\text{F}$ ,  $\text{C}_3\text{Cl}_2\text{F}_6$ ,  $\text{C}_4\text{Cl}_2\text{F}_8$ ,  $\text{C}_4\text{Cl}_3\text{F}_7$ , and  $\text{C}_6\text{ClF}_{13}$ .

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32. (New) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight non-polar constituents, with said solvent having a polarity no greater than about 0 and a viscosity less than about 2.6 centipoise, whereby the non-polar constituents are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the non-polar constituents, said solvent and the non-polar constituents separate at a temperature ranging between about 15° C and about 25° C, forming distinct solvent and oil layers that can be separated, said solvent comprising:

(a) an amount of a low molecular weight hydrocarbon; and,

(b) a non-polar halogenated solvent;

wherein said non-polar halogenated solvent is selected from the group consisting of  $\text{CH}_2\text{Cl}_2$ ,  $\text{C}_2\text{H}_3\text{Cl}_3$ ,  $\text{C}_2\text{HCl}_3$ ,  $\text{C}_5\text{H}_2\text{F}_{10}$ ,  $\text{C}_6\text{HF}_{13}$ ,  $\text{C}_7\text{HF}_{15}$ ,  $\text{C}_{10}\text{HF}_{21}$ ,  $\text{C}_5\text{F}_{12}$ ,  $\text{C}_7\text{F}_{16}$ ,  $\text{C}_8\text{F}_{18}$ ,  $\text{C}_2\text{Cl}_3\text{F}_3$ ,  $\text{CCl}_3\text{F}$ ,  $\text{C}_3\text{Cl}_2\text{F}_6$ ,  $\text{C}_4\text{Cl}_2\text{F}_8$ ,  $\text{C}_4\text{Cl}_3\text{F}_7$ , and  $\text{C}_6\text{ClF}_{13}$ .